S&H Form: PTO/SB/05 (2	/01)
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c,		UTILITY	Attorney Docket No. 1046.1261																
PATENT APPLICATION TRANSMITTAL (Only for original applications) APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent			First Named Inventor or Application Identifier:																
4		TDANISMITTAL	Itaru HATANAKA, et al.																
J.S		TRANSMITTAL	Express Mail Label No.																
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70		See MPEP chapter 600 concerning utility patent application contents.	Assistant Commissioner for Patents Box Patent Application Washington, DC 20231																
1.	1. Eee Transmittal Form																		
2. Specification, Claims & Abstract[Total Pages: 147]																			
3. Drawing(s) (35 USC 113)[Total Sheets: 62] [FIGS. 1-62]																			
4.	 Oath or Declaration																		
5.		Verified Statement Claiming Small Entity Status																	
see 37 CFR 1.63(d)(2) and 1.33(b). 5. Verified Statement Claiming Small Entity Status 6. Application Data Sheet. See 37 C.F.R. 1.76 7. CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on:																			
7.		CD-Rom or CD-R in duplicate, large table or Comp	uter Program (Appendix)																
8.		Nucleotide and/or Amino Acid Sequence Submissional. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or II. paper c. Statement verifying identity of above copies	on (if applicable, all necessary)																
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	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)																		
16. Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent																			
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	21171 PATENT TRADEMARK OFFICE																		
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		NEW APPLICATION	Attornev	Attorney Docket No. 1046.1261						
FEE TRANSMITTAL					Application Number					
			Filing Da				ptember 19, 2001			
		CLOSED \$ 4	First Na	med In	ventor	Itar	u HATANAKA, et al.			
FEE CALCULATION (fees effective 10/01/00)										
CLAIMS		(1) FOR	(2) NUMBER FILED	(3) NUM EXTF		(4) RATE		(5) CALCULATIONS		
	,	TOTAL CLAIMS	- 20 = 135	11	5	X \$ 18.00 =		\$ 2070.00		
		INDEPENDENT CLAIMS	27 - 3 =	24	1	X \$ 80. =	.00	1920.00		
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		Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)								
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	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))									
		Recordation of Assignment (\$40.00; 37 CFR 1.21(h))						40.00		
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The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the										
	prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or									
continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any										
such related application.										
	SUBMITTED BY: STAAS & HALSEY LLP									
Турес	d Name	James D. Halsey			Reg. N	NO.	22,729			
Signat		I AAN L	~			Date		September 19, 2001		
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